

COMPOSITE SEAL

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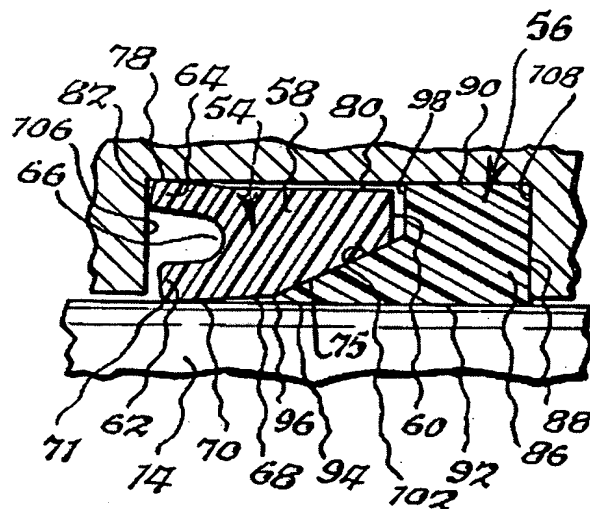
US 3765690 (A1)
 G B1369258 (A)
 DE 2144681 (A1)

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Abstract not available for JP48061847

Abstract of corresponding document: **US3765690**

A pair of annular sealing members captively disposed in axial abutting relation about a reciprocating member and formed of synthetic plastic materials of different degrees of hardness. The softer member has total memory coupled with a quick response to accept severe deflection of the reciprocating member and the harder member, capable of enduring higher pressures, serves as a back-up for the softer member to prevent extrusion. The softer member moves relative to the harder member under high pressures in an arrangement relieving the frictional force acting against the sealing lip of the softer member and loading the harder member. In lighter duty applications a rod wiper can be combined with the harder member, and the harder member can be elongated for added bearing capability.



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Family list

5 family members for:

US3765690

Derived from 5 applications.

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- 1 COMPOSITE SEAL**
Publication info: **CA963031 A1** - 1975-02-18
- 2 COMPOSITE SEAL**
Publication info: **DE2144681 A1** - 1972-08-17
- 3 COMPOSITE SEAL**
Publication info: **GB1369258 A** - 1974-10-02
- 4 COMPOSITE SEAL**
Publication info: **JP48061847 A** - 1973-08-29
- 5 COMPOSITE SEAL**
Publication info: **US3765690 A** - 1973-10-16

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